



DEPARTMENT OF THE ARMY  
HEADQUARTERS, US ARMY COMMUNICATIONS-ELECTRONICS COMMAND  
AND FORT MONMOUTH  
FORT MONMOUTH, NEW JERSEY 07703-5000

REPLY TO  
ATTENTION OF

January 7, 1986

Safety Office

Mr. Robert Hargrove  
US Environmental Protection Agency  
Region II  
26 Federal Plaza  
New York, New York 10270

Dear Mr. Hargrove:

In accordance with your telephonic request on 20 December 1985, the following documents referenced in the US Army Toxic and Hazardous Materials Agency (USATHAMA) Installation Assessment of Fort Monmouth, Report No. 171, May 1980, are provided as indicated below:

a. US Army Environmental Hygiene Agency (USAEHA) Special Study No. 41-003-69, 1 July - 16 August 1968 (Enclosure 1). This was an evaluation of the potential internal exposure of two individuals who worked at the Sandy Hook Neutron Generator Facility. The results indicated that these individuals were not overexposed.

b. USAEHA Memorandum For Record, 5 January 1972, subject: "Radiation Incident" at Fort Monmouth, NJ (Enclosure 2). This memorandum discusses the contamination of a work area resulting from a Polonium-210 Alpha Irradiator on 6 October 1971. The area was subsequently decontaminated. Contaminated materials were disposed of as radioactive waste. USAEHA bioassay results on the individuals involved are documented in their medical records. USAEHA provided no recommendations for further actions.

c. USAEHA Special Study Nos. 99-075-76 and 43-0652-77, June and November 1976, respectively (Enclosure 3). These studies were conducted prior to and after the decontamination of Area G-2, which was determined to be contaminated with Cobalt-60. Results of the November study indicated that Area G-2 had been effectively decontaminated. This area was subsequently released for unrestricted use. The recommendation provided at paragraph 8 of this report was made since consideration at that time was being given to release the Evans Area to a local municipality. This never occurred.

d. USAEHA Survey No. 43-0744-78, 1-3 March 1978 (Enclosure 4). This survey was performed by the USAEHA to determine the presence and extent of health hazards from ionizing radiation sources possessed by the US Army Electronics Research and Development Command (ERADCOM) at Fort Monmouth. The subject of the Neutron Generator Facility, then still in operation, was addressed. The report concluded that "...there were no health hazards resulting from the use and storage of ionizing radiation producing devices and sources at ERADCOM, Fort Monmouth."

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In addition, the following report not referenced in the 1980 USATHAMA Report, is also being provided:

USAEHA Special Study No. 28-43-0263-82, 14 March 1982 (Enclosure 5). This study was performed to assess the contamination present in the Neutron Generator Facility at Sandy Hook. The report concluded that the contamination levels exceeded the Nuclear Regulatory Commission (NRC) guidelines for decontamination of facilities and equipment prior to release for unrestricted use. Further, the report provided recommendations for decontamination and subsequent release of the building. Since the 1982 report, the facility has been decommissioned. Contaminated equipment, ducts and the stack from the facility have been removed and disposed of as radioactive waste. At this time the facility has not been released for unrestricted use. Small, localized areas of residual low level tritium contamination were detected and subsequently decontaminated. A request for an independent USAEHA final closeout verification survey of the facility has been made. Once this survey is completed the results will be forwarded to the NRC. The site shall continue to be secured until the NRC acknowledges that the facility can be made available for unrestricted use. It should be noted that the operation, decommissioning and decontamination of this facility have been performed in accordance with a valid NRC license. Periodic, routine health physics inspections have been conducted at the facility since its inception. There never were any overexposures to personnel as a result of the existence of the facility.

Distribution of the above documents is limited to US Government Agencies only. Other requests for these documents must be referred to this headquarters, ATTN: AMSEL-SF.

I hope these reports satisfy your request and if I can be of any further assistance, please do not hesitate to contact me at (201) 544-4427.

Sincerely,



STEVEN A. HORNE  
Acting Chief, Safety Office

5 Enclosures